

10/573817

IAP5 Rec'd PCT/PTO 28 MAR 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Isamu YOSHII, et al.

Application No.: New PCT National Stage Application

Filed: March 28, 2006

For: RADIO TRANSMISSION APPARATUS, RADIO RECEPTION APPARATUS AND RADIO TRANSMISSION METHOD

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, DC 20231

Dear Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the art listed on the attached Form PTO 1449. Copies of the art cited in the International Search Report (ISR), which issued by the JPO, are made available to the U.S. examiner in the national stage application, pursuant to MPEP 1893.03(g), and therefore copies of such art are not submitted herewith. The art cited in the ISR is listed on the attached PTO-1449 for an indication of consideration by the examiner. Copies of any other references listed on the PTO-1449, besides those cited in the ISR, are submitted herewith. JP '194 corresponds to US '711. The J. Boutros, et al. document is discussed in the present application on page 8, line 12 et seq.

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the

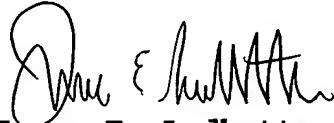
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presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106.

Applicants respectfully request that this art be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,



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Registration No. 28,732

Date: March 28, 2006

JEL/ejw

ATTORNEY DOCKET NO. L9289.06130

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<p>FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(Use several sheets if necessary)</p>	<p>ATTY. DOCKET NO. <b>IAP5 Rec'd PCT/PCTO 28 MAR 2006</b></p> <p>L9289.06130</p>	<p>TELEFAX NO. <b>New PCT Nat'l Stage Application</b></p>
<p>APPLICANT <b>Isamu YOSHII, et al.</b></p>		<p><b>10/573817</b></p>
<p>FILING DATE <b>March 28, 2006</b></p>		<p>GROUP <b>Unassigned</b></p>

## U.S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

PCT International Search Report dated December 14, 2004.

**“Modulation diversity for OFDM,” 3GPP, TSG RAN Working Group 1 Meeting #31 R1-030156, Feb. 21, 2003.**

J. Boutros, et al. "Signal Space Diversity: A Power-and Bandwidth-Efficient Diversity Technique for the Rayleigh Fading Channel," IEEE Transactions on Information Theory, vol. 44, no. 4, pages 1453-1464, Jul. 1998.

**EXAMINER:** Initial if citation is considered, draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.